a program code of a comparison step of comparing the peak levels

measured in the measurement step;

a program code of a selection step of selecting a sensing result of one of

the plurality of sensors on the basis of a comparison result in the comparison step; and

a program code of an output step of outputting a coordinate value

corresponding to the beam spot on the basis of the sensing result selected in the selection step,

wherein light-receiving areas of the plurality of sensors have an

overlapping portion.

## REMARKS

Claims 1-11 are presented for consideration, with Claims 1, 6 and 11 being

independent.

By this Amendment, Claims 1, 6 and 11 have been amended to measure peak

levels of data, compare the measured peak levels, and select a sensing result based on this

comparison. The Lieu '585 patent, which was discussed in the Amendment dated December 4,

2002, fails to teach or suggest, inter alia, these features of Applicants' claimed invention.
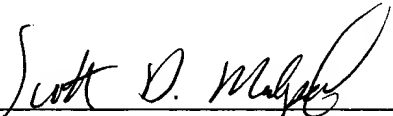
Accordingly, it is submitted that Lieu fails to anticipate or render obvious

Applicants' claimed invention. Therefore, reconsideration and withdrawal of the rejection of the

claims under 35 U.S.C. §102 is respectfully requested.

Thus, it is submitted that Applicants' invention as set forth in independent

Claims 1, 6 and 11 is patentable over the cited art. In addition, dependent Claims 2-5 and 7-10

set forth additional features of Applicants' invention. Independent consideration of the

dependent claims is respectfully requested.

In view of the foregoing, reconsideration and allowance of this application is deemed to be in order and such action is respectfully requested.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010.  All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

Attorney for Applicants
Scott D. Malpede
Registration No. 32,533

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York  10112-3801
Facsimile:  (212) 218-2200

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## VERSION WITH MARKINGS TO SHOW CHANGES MADE TO CLAIMS

1.    (Amended)  A coordinate input device for generating a beam spot by irradiating a predetermined position of a coordinate input surface with light coming from a pointing tool, and generating a coordinate value corresponding to the beam spot, comprising:

a plurality of sensing means, arranged for at least one coordinate axis, for sensing the beam spot;

measurement means for measuring <u>peak</u> levels of data sensed by said plurality of sensing means;

comparison means for comparing the <u>peak</u> levels measured by said measurement means;

selection means for selecting a sensing result of one of said plurality of sensing means on the basis of a comparison result of said comparison means; and

output means for outputting a coordinate value corresponding to the beam spot on the basis of the sensing result selected by said selection means,

wherein light-receiving areas of said plurality of [detection] <u>sensing</u> means have an overlapping portion.

6.    (Twice Amended)  A method of controlling a coordinate input device for generating a beam spot by irradiating a predetermined position of a coordinate input surface with light coming from a pointing tool, and generating a coordinate value corresponding to the beam spot, comprising the steps of:

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measuring <u>peak</u> levels of data detected by a plurality of sensors, which

are arranged for at least one coordinate axis and adapted to sense the beam spot;

comparing the <u>peak</u> levels measured in the measurement step;

selecting a sensing result of one of the plurality of sensors on the basis

of a comparison result in the comparison step; and

outputting a coordinate value corresponding to the beam spot on the

basis of the sensing result selected in the selection step,

wherein light-receiving areas of the plurality of sensors have an

overlapping portion.

11.    (Amended)  A computer readable memory which stores a program code

of controlling a coordinate input device for generating a beam spot by irradiating a

predetermined position of a coordinate input surface with light coming from a pointing tool, and

generating a coordinate value corresponding to the beam spot, comprising:

a program code of a measurement step of measuring <u>peak</u> levels of data

detected by a plurality of sensors, which are arranged for at least one coordinate axis and adapted

to sense the beam spot;

a program code of a comparison step of comparing the <u>peak</u> levels

measured in the measurement step;

a program code [fo] <u>of</u> a selection step of selecting a sensing result of

one of the plurality of sensors on the basis of a comparison result in the comparison step; and

a program code of an output step of outputting a coordinate value

corresponding to the beam spot on the basis of the sensing result selected in the selection step,

wherein light-receiving areas of the plurality of sensors have an

overlapping portion.